

Converting Colors

CIELCh(24, 19.072, 313.612)

Have a look what the booklet for
CIELCh(24, 19.072, 313.612)
contains.

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Color

CIELCh(24, 19.119, 313.627)

Conversions

Conversions Part 1

Format	Color
Hex	43334E
RGB	67, 51, 78
RGB Percent	26%, 20%, 31%
CMY	0.7376, 0.8003, 0.6944
CMYK	0.14, 0.35, 0.00, 0.69
HSL	276°, 21%, 25%
HSV	276°, 35%, 31%
XYZ	4.8618, 4.1002, 7.7274
YIQ	58.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

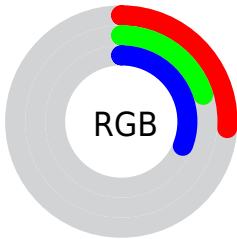
Format	Color
RYB	67, 51, 78
Decimal	4404046
CIELab	24.00, 13.19, -13.84
CIELCh	24, 19.119, 313.627
Yxy	4.1002, 0.2913, 0.2457
Android (android.graphics.Color)	4282594126 (0xFF43334E)
YUV	58.8620, 9.4350, 7.1370
Hunter-Lab	20.2490, 7.4225, -8.4521

Details

The CIELCh color **24, 19.119, 313.627** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **31, 18.474, 130.803**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 18.662, 312.978**, and **4, 19.278, 313.634** is the 20% darker color. If you saturate the color by 10%, you get **21, 24.778, 314.048**, and if you desaturate by 10%, it is **27, 13.483, 313.202**.

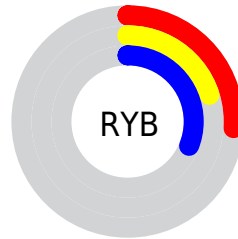
Distribution



 Red (26%)

 Green (20%)

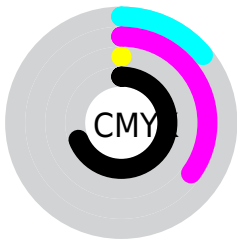
 Blue (31%)




 Red (26%)

 Yellow (20%)

 Blue (31%)

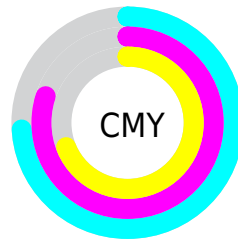



 Cyan (14%)


 Magenta (35%)

 Yellow (0%)

 Black (69%)



 Cyan (74%)


 Magenta (80%)


 Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 19.119, 313.627 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 24, 19.119, 313.627 by changing the saturation by 10% instead.


 24, 19.119,
313.627


 24, 19.119,
313.627


 100, 19.119,
313.627


 14, 19.119,
313.627


 44, 19.119,
313.627

 4, 19.119, 313.627


 54, 19.119,
313.627

 0, 19.119, 313.627

 64, 19.119,
313.627

 74, 19.119,
313.627

 84, 19.119,
313.627

 94, 19.119,

313.627

■ 24, 19.119,
313.627

■ 24, 19.119,
313.627

■ 21, 24.778,
314.048

■ 27, 13.483,
313.202

■ 19, 30.375,
314.443

■ 29, 7.929, 312.788

■ 17, 35.773,
314.779

■ 32, 2.488, 312.377

■ 35, 2.823, 132.071

■ 15, 40.779,
315.012

■ 37, 7.994, 131.720

■ 13, 45.142,
315.082

■ 40, 13.025,
131.412

■ 11, 49.065,
315.084

■ 43, 17.918,
131.136

■ 10, 51.441,
315.208

■ 45, 22.675,
130.888

■ 48, 27.304,
130.667

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24, 19.119, 313.627



31, 18.474, 130.803

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24, 19.119, 313.627



24, 19.119, 3.627



24, 19.119, 133.627



24, 19.119, 183.627

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24, 19.118, 313.627



40, 6.734, 312.614



26, 11.051, 268.916



19, 4.540, 312.644



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24, 19.118, 313.627



29, 29.116, 314.003



25, 19.793, 328.568



14, 2.956, 312.544



15, 62.140, 314.814



39, 113.104, 314.052

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25, 14.240, 352.203



31, 21.633, 353.312



30, 19.784, 144.501



14, 2.196, 349.592



20, 43.090, 7.826



49, 78.326, 11.748

Previews

White Background



This preview shows how the CIE LCh color 24, 19.119, 313.627 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 24, 19.119, 313.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 24, 19.119, 313.627

Background



This preview shows how black text looks on a background with the CIELCh color 24, 19.119, 313.627.



This preview shows how white text looks on a background with the CIELCh color 24, 19.119, 313.627.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24, 19.119, 313.627

Protanopia

24, 17.341, 285.193

Deuteranopia

24, 13.974, 286.702



Tritanopia
24, 4.912, 347.816

Trichromacy



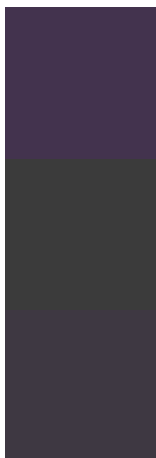
Original Color
24, 19.119, 313.627

Protanomaly
24, 17.980, 296.335

Deuteranomaly
24, 15.375, 297.809

Tritanomaly
24, 9.348, 322.960

Monochromacy



Original Color
24, 19.119, 313.627

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 7.157, 313.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 19.119, 313.627 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(67, 51, 78)` looks like.

```
.text, #text, p{  
    color:rgb(67, 51, 78)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(67, 51, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 51, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 19.119, 313.627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 51, 78) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(67, 51, 78) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(67, 51, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 51, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 51, 78);  
box-shadow:4px 4px 4px 4px rgb(67, 51, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 19.119, 313.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 51, 78) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(67, 51,  
78) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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